

Application No. 09/384,900

AMENDMENTS TO THE CLAIMSC17
Claims 1-23 (Withdrawn).

24. (Previously amended) A sleeve adapted to be mounted on a catheter shaft so as to be formed into an inflatable balloon comprising

the sleeve having a first end, a second end, and a middle section;

wherein prior to mounting on catheter shaft at least one of the ends is non-distensible while the middle section of the sleeve is distensible.

103 25. (Original) The sleeve of claim 24 wherein the sleeve is mounted on a catheter shaft to form an inflatable balloon.

103 26. (Original) The sleeve of claim 25 wherein the sleeve forms a liquid-tight seal at the ends to the catheter shaft.

27. (Original) The sleeve of claim 24 wherein the at least one end is tape wrapped to render it non-distensible.

B1 28. (Currently amended) The sleeve of claim 24 wherein the at least one end ~~is coated~~ has a coating to render it non-distensible.✓ 29. (Currently amended) The sleeve of claim 24 wherein the at least one end has a modified structure that renders ~~is thermally treated to render~~ it non-distensible.

30. (Original) The sleeve of claim 24 wherein the at least one end is covered with an essentially non-distensible material to render it non-distensible.

31. (Original) The sleeve of claim 30 wherein the essentially non-distensible material comprises a reinforcing collar.

32. (Original) The sleeve of claim 24 wherein the at least one end is attached with adhesive to a non-distensible material to render it non-distensible.

✓ 33. (Original) The sleeve of claim 24 wherein the sleeve comprises a fluoropolymer.

✓ 34. (Original) The sleeve of claim 33 wherein the fluoropolymer comprises a polytetrafluoroethylene.

35. (Original) The sleeve of claim 25 wherein the at least one end is tape wrapped to render it non-distensible.

B2 36. (Currently amended) The sleeve of claim 25 wherein the at least one end ~~is coated~~ has a coating to render it non-distensible.103 37. (Currently amended) The sleeve of claim 25 wherein the at least one end has a modified structure that renders ~~is thermally treated to render~~ it non-distensible.

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38. (Original) The sleeve of claim 25 wherein the at least one end is covered with an essentially non-distensible material to render it non-distensible.

39. (Original) The sleeve of claim 38 wherein the essentially non-distensible material comprises a reinforcing collar.

103 40. (Original) The sleeve of claim 25 wherein the at least one end is attached to a non-distensible material to render it non-distensible.

103 41. (Original) The sleeve of claim 25 wherein the sleeve comprises a fluoropolymer.

103 42. (Original) The sleeve of claim 41 wherein the fluoropolymer comprises a polytetrafluoroethylene.